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**IN THE UNITED STATES PATENT AND TRADEMARK OFFICE**

APPLICANT(S): Se-Youn Lim et al.

SERIAL NO.: 10/800,518

EXAMINER: Unassigned

DATE FILED: March 15, 2004

ART UNIT: Unassigned

FOR: GEM FRAME STRUCTURE SHOWING PAYLOAD TYPE OF FRAME AND  
METHOD FOR PROCESSING DATA THEREOF

**CERTIFICATE OF MAILING UNDER 37 CFR §1.8**

I hereby certify that this correspondence is being deposited with the United States Postal Service with sufficient postage as first class mail in an envelope addressed to the MAIL STOP DD, COMMISSIONER FOR PATENTS, P.O. BOX 1450, ALEXANDRIA, VA. 22313 on August 10, 2004.

Steve Cha, Reg. No. 44,069

(Name of depositor)

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(Signature and Date)

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Commissioner for Patents  
P.O. Box 1450  
Alexandria, VA 22313-1450

Sir:

**INFORMATION DISCLOSURE STATEMENT**

In accordance with Applicant's and Applicant's representatives' Duty of Disclosure under 37 CFR § 1.56, and pursuant to 37 CFR §1.97 and MPEP 717.05(b), Applicant(s) submit herewith documentary information for consideration by the Examiner. Information herein cited is only set forth in fulfillment of Applicant's duty of candor in disclosing all information brought to his attention, and is not an admission that it can be used adversely. The publications forwarded herewith are listed on the enclosed Form PTO-1449. Applicant(s) request that the Examiner, upon reviewing the enclosed materials, initial the enclosed form and return a copy thereof in accordance with the instructions on the form.

Enclosed please find copies of 1 Foreign Patent and 3 Articles/Publications listed on the attached Form PTO-1449. No fee is believed due for the filing of this statement inasmuch as it is being filed before the mailing of the first official action on the merits. However, should the Patent and Trademark Office determine otherwise, authorization is hereby given to charge Deposit Account No. 502-470 for this filing.

Respectfully submitted,

[Signature]  
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Date: August 10, 2004



Sheet 1 of 1

Form PTO-1449 IRSY. 7.801 U.S. Department of Commerce Patent and Trademark Office	ATTORNEY DOCKET NO.	5000-1-550
	SERIAL NO.	10/800,518
LIST OF DOCUMENTARY INFORMATION CITED BY APPLICANT  (Use several sheets if necessary)	APPLICANT	Se-Youn Lim et al.
	FILING DATE	March 15, 2004
	GROUP	Unassigned

## U.S. PATENT DOCUMENTS

EXAMINE R INITIAL		DOCUMENT NUMBER	DATE	NAME	CLASS	SUB- CLASS	FILING DATE IF APPROPRIATE

## FOREIGN PATENT DOCUMENTS

		DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUB- CLASS	TRANSLATION YES NO
	AA	WO01/69834A1	9/20/01	PCT	H04L	1/00	X

## OTHER PRIOR ART (Including Author, Title, Date, Pertinent Pages, Etc.)

	AB	"Efficient Transport of Packets with QoS in an FSAN-Aligned GPON;" John D. Angelopoulos et al.; IEEE Communications Magazine; Vol. 42, No. 2; February 2004; XP-001047862; 7 pages.
	AC	"The Generic Framing Procedure (GFP): An Overview;" Enrique Hernandez-Valencia et al.; IEEE Communications Magazine; Vol. 40, No. 5; May 2002; XP-001129440; 9 pages.
	AD	"GigaPON Access Network Top Level Specification of the PTSP, TC and MAC Components;" Ing-Jyh Tsang et al.; March 12, 2003; XP-002288126; 38 pages.
EXAMINER:		DATE CONSIDERED:
*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.		